

L 02014-67

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SUB CODE: 09,13/ SUBM DATE: 02Mar65/--65/ ORIG REF: 044/ OTH REF: 000

ns
Card

7/7

CHEKUNOV, N.

Unified indices for carrying-out plans and for the cost. Avt.-
transp. 40 no.9:34-35 S '62. (MIRA 15:9)
(Transportation, Automotive--Cost of operation)

CHEKUNOV, V.

AID P - 5554

Subject : USSR/Parachutism - Instruments

Card 1/1 Pub. 58 - 13/20

Authors : Bondarenko, I., and V. Chekunov

Title : A computer for calculating a parachute jump

Periodical : Kryn. rod., 1, 20-22, Ja 1957

Abstract : The authors describe in detail a device permitting to draw speedily a diagram of a planned parachute jump, with the direction and the velocity of the wind at different altitudes taken into account. 5 drawings, 3 tables.

Institution : None

Submitted : No date

TSIMMERMAN, Ya.S.; RYBOLOVLEV, Ye.V.; CHEKUNOV, V.A.; KOVALEV, A.S.

Study of gastric juice acidity without catheters by a modified
desmoid test. Lab.delo 8 no.5:21-24 My '62. (MIRA 15:12)

1. Kafedra propedevtiki vnutrennikh bolezney (zav. - prof.
A.I.Levin) i fakul'tetskoy terapii (zav. - prof. N.G.
Khoroshavin) Permskogo meditsinskogo instituta.
(GASTRIC JUICE) (MEDICAL TESTS)

CHEKUNOV, V.D.

AUTHORS: Danilin, A.A., Chekunov, V.D. 119-2-9/13

TITLE: The Use of Voltmeters for Measuring the Velocity of a Motor With Constant Current (Primeneniye vol'tmetrov dlya izmereniya skorosti dvigateley postoyannogo toka).

PERIODICAL: Priborostroyeniye, 1958, Nr 2, pp. 25-26 (USSR)

ABSTRACT: The rotational speed of a parallel current electromotor with independent or parallel excitation can be measured by the electromotive force induced in the armature. Parallel to the motor and connected in series is the operating winding and the shunt resistance for excitation. In series with the motor also a load resistance R_1 is connected. Parallel to the operating winding with the corresponding shunt there is a second load resistance R_2 . Between the rotor of this resistance and one of the ends of the resistance R_1 is a voltmeter which is gauged according to revolutions per minute. It is theoretically proved in what manner individual resistances must be selected and how the entire system works. There is 1 figure.

AVAILABLE: Library of Congress

Card 1/1 1. Voltmeters-Applications 2. Electric motors-Test methods

CHEKUNOV, V.D.

Using voltmeters for measuring engine speed. Priborostroenie
no.5:27-28 My '62. (MIRA 15:5)
(Voltmeter)

I 11143-66

ACC NR:AP6000766

SOURCE CODE: UR/0243/65/000/009/0007/0012

AUTHOR: Cherkunov, V. F.

ORG: Administrative Board of Chemical-Pharmaceutical Preparations and Antibiotics of the Ministry of Health SSSR, Moscow (Glavnoye upravleniye khimiko-farmatsevticheskikh preparatov i antibiotikov Ministerstva zdravokhraneniya SSSR)

TITLE: Certain problems of technical equipment in the chemical-pharmaceutical industry

SOURCE: Meditsinskaya promyshlennost' SSSR, no. 9, 1965, 7-12

TOPIC TAGS: drug industry, antibiotic, vitamin, patent medicine, chemical plant equipment

ABSTRACT: The problems of increasing pharmaceutical production in the USSR are discussed, particularly in respect to patent drugs, injection preparations in ampules, endocrine preparations, synthetic chemical preparations and vitamins, antibiotics and blood substitutes. With the mechanical processing stage of pharmaceutical production costing two to three times more than chemical processing of the raw materials, more emphasis is placed on the need for modernizing methods and automating equipment in the mechanical processing stage. Recommendations for

Card 1/2

UDC: 615.45.0025

L 11143-66

ACC NR:AP6000766

Improving equipment and methods include the following: expansion of branch institute facilities to promote research and development of new technological processes and equipment; referral of all problems and projects related to new equipment development to the special construction bureau of SKB Medprom to eliminate duplication of work; and, publication of literature on new types of available equipment and equipment in the process of production by the Zhdanov Plant (which specializes in chemical-pharmaceutical equipment) and the Khimapparatura plant at Moscow. The pharmaceutical industry plans to double its 1965 production levels by 1970. Orig. art. has: None.

SUB CODE: 06/ SUBM DATE: 22May65/ ORIG REF: 000/ OTH REF: 000

60
Card 2/2

RAYMUKHAMEDOV, Kh.N.; MATSOKINA, T.M.; SALOV, P.I.; URAZAYEV, B.M.; KHAMRABAYEV,
I.Kh.; ~~CHIRIKOV, I.S.~~

Letter to the editor. Izv. AN SSSR Ser.geol.21 no.3:111-114 Nr '56.
(Ore deposits) (MIRA 9:7)

CHEKUNOV, V.S.

Distribution of manganese deposits and ore on the territory of
Central Asia. Dokl. AN Tadzh. SSR no. 20:3-7 '57. (MIRA 11:7)

1. Institut geologii AN Tadzhikskoy SSR. Predstavleno chlenom-
korrespondentom AN Tadzhikskoy SSR R.B. Baratovym.
(Soviet Central Asia--Manganese ores)

CHEKUNOV, V.S.

Primary oxide manganese ores in the Takhta-Karacha deposits of
the upper Silurian formation of the Kara-Tyube Mountains. Izv.Otd.
est.nauk AN Tadsh.SSR no.22:17-40 '57. (MIRA 11:8)

1. Institut geologii AN Tadshikskoy SSR.
(Uzbekistan--Manganese ores)

CHEKUNOV, V.S.

Manganese oolite in Paleogene sediments of the Satartau.
Uzb.geol.shur. 6 no.3:83-85 '62. (MIRA 15:6)

1. Glavnoye upravleniye geologii i okhrany nedr pri Sovete
Ministrov USSR.

(Fergana--Manganese ores)

CHEKUNOV, V.S.; ARAPOV, V.A.; CHEBOTAREVA, G.P.

Second All-Union Volcanologic Conference. Uzb. geol. zhur. 9
no.2:74-76 '65. (MIRA 18:6)

1. Revizionno-tematicheskaya ekspeditsiya Gosudarstvennogo geologicheskogo komiteta UzSSR.

L 48993-65 EWT(m) Feb DIAAP DM

ACCESSION NR: AP5014019

UR/0089/65/018/003/0290/0292

16

AUTHOR: Pashkin, Yu. G.; Chekunov, V. V.

B

TITLE: Calculations of effective resonance integral block consisting of mixed nuclei of resonance absorber and absorber with smooth cross section

19

SOURCE: Atomnaya energiya, v. 18, no. 3, 1965, 290-292

TOPIC TAGS: nucleus, nuclear magnetic resonance

ABSTRACT: Formulas were developed for calculation of effective resonance integral of nuclei considering the screening effect produced by nuclei with a smooth absorption cross section. The ratio of effective resonance integral K calculated for two resonances of ^{177}Hf in cylindrical, 10 mm in diameter (11.2g/cm^3 density) hafnium diboride HfB_2 was: $E_0=1.695$ and 2.38 ev, $\sigma_{r0} = 3.01 \times 10^4$ and 6.8×10^4 , and $K = 0.284$ and 0.338 . Orig. art. has 11 formulas.

ASSOCIATION: none

SUBMITTED: 04Apr64

ENCL: 00

SUB CODE: NP

NO REF SOV: 006

OTHER: 000

NA

Card 1/1 MB

CHEKUNOVA, I.I.

SHAPIRO, S.L.; RUSSINA, V.D.; ~~CHEKUNOVA, I.I.~~; NEDOSEKIN, V.G.;
BIENBAUM, K.L.

Effectiveness of anti-influenza vaccination with formaldehyde-killed vaccines with a stimulator. Zhur.mikrobiol. epid. i immun. no.9: 13-15 S '54. (MLRA 7:12)

1. Iz Moskovskoy sanitarno-epidemiologicheskoy stantsii Oktyabr'skogo rayona (glavnyy vrach Ye.R.Ivanova).

(INFLUENZA, prevention and control,

Russian mass vacc. with formaldehyde-killed vaccines with stimulator, results)

(VACCINES AND VACCINATION,

influenza, mass vacc. in Russia with formaldehyde-killed vaccines with stimulator, results)

KUZNETSOV, L.V.; CHEKUNOVA, L.N.

Study of the physiological specialization of the fungus *Ustilago zeae* (Beckm.) Unger, pathogen of common corn smut. Biul. MOIP. Otd. biol. 68 no.2:99-106 Mr-Apr '63. (MIRA 17:2)

ABRAMOVA, Zh.I., kand. med. nauk; GADASKINA, I.D., prof.; GOLUBEV, A.A., kand. med. nauk; DANISHEVSKIY, S.L., prof.; ZIL'BER, Yu.D., kand. med. nauk; LAZAREV, L.N., kand. khim. nauk; LEVINA, E.N., doktor med. nauk; LOYT, A.O.; LYUBLINA, Ye.I., doktor biol. nauk; LYKHINA, Ye.T., kand. biol. nauk; MINKINA, N.A., kand. med. nauk; RUSIN, V.Ya., kand. med. nauk; SALIYAMON, L.S., kand. med. nauk; SPERANSKIY, S.V., TRAKHTENBERG, I.M., dots.; FILOV, V.A., kand. biol. nauk; TSIRK, K.G., kand. med. nauk; CHEKUNOVA, M.P., kand. med. nauk; GRIVA, Z.I., red.; LAZAREV, N.V., ~~asl.~~deyat.nauki, prof., red.; LEVIN, S.S., tekhn. red.; BASINA, M.Z., tekhn. red.

[Toxic industrial substances; handbook for chemists, engineers and physicians] Vrednye veshchestva v promyshlennosti; spravochnik dlia khimikov, inzhenerov i vrachei. Izd.4., perer.i dop. Leningrad, Goskhimizdat. Pt.2.[Inorganic and metallo-organic compounds] Neorganicheskie i elementorganicheskie soedineniia. 1963. 619 p. (MIRA 17:2)

CHEKUNOVA, V.I.

Effect of different potassium and calcium concentrations on
Pontogammarus robustoides with regard to its acclimatization.
Trudy VNIRO 43:235-243 '60. (MIRA 13:9)
(Potassium--Physiological effect)
(Calcium--Physiological effect)
(Amphipoda)

SOV/112-59-3-5147

Translation from: Referativnyy zhurnal. Elektrotehnika, 1959, Nr 3, p 122 (USSR)

AUTHOR: Chekunova, Z. I., Vashchenko, S. F., and Natsentov, D. I.

TITLE: Operating Experience With and Comparative Evaluation of Reinforced-Concrete-Frame Hotbeds Having Various Systems of Heating
(Opyt ekspluatatsii i sravnitel'naya otsenka parnikov s zhelezobetonnyimi parubnyami i razlichnymi sistemami tekhnicheskogo obogreva)

PERIODICAL: Byul. nauchno-tekhn. inform. N.-i. in-ta ovoshchn. kh-va, 1957, Vol 2, pp 23-26

ABSTRACT: After a 3-year testing of hotbeds, the following conclusions were drawn: (1) reinforced-concrete frames are preferable to wooden; (2) the best heating method proved to be central water heating with 3-5 atm steam; (3) hotbeds with electrode-type heating are simpler and cheaper than others. Electric-energy consumption per sash for the season from the beginning of March is about 80 kw-hr, and from mid-March, 40 kw-hr. Roof-iron electrodes can

Card 1/2

SOV/112-59-3-5147

Operating Experience With and Comparative Evaluation of Reinforced-Concrete

serve for 2 seasons. Connecting wires should be of copper because aluminum wires crumble. The standard electric-heating project must be revised: safety of personnel, as well as other improvements, must be secured. Technically-heated hotbeds require 2-2.5 times less labor than biological-fuel hotbeds. The CO₂ content in the technically-heated hotbeds should be artificially increased. The article presents a table giving a comparison of characteristics of hotbeds with various methods of heating and giving coal consumption for central water heating.

L.G.P.

Card 2/2

NATSENTOV, D.I., kand.sel'skokh.nauk.; VASHCHENKO, S.F., kand.sel'skokh. nauk; NIKONOVA, N.A., kand. sel'skokh. nauk; CHEKUNOVA, Z.I., kand. sel'skokh. nauk; FAYNBERG, L.S., nauchnyy sotrudnik; GAVRIL'YEV, I.G., aspirant; VASIL'YEVA, Ye., red.; POKHLEBKINA, M., tekhn. red.

[Advanced practices for vegetable growing under glass] Peredovoi opyt ovoshchevodov zashchishchennogo grunta. Moskva, Mosk. rabochii, 1962. 102 p. (MIRA 16:6)

1. Sotrudniki Nauchno-issledovatel'skogo instituta ovoshchnogo khozyaystva (for all except Vasil'yeva, Pokhlebkina).
(Moscow Province--Vegetable gardening)
(Greenhouse management)

CHEKUNOZ, I. M.

"The Irrigation Procedure for Slava Cabbage in Relation to the Fertilizer Dosages and Areas of Nourishment Under Moscow Oblast Conditions." Cand Agr Sci, Moscow Order of Lenin Agricultural Acad imeni K. A. Timiryazev, Moscow, 1955. (KL, No 9, Feb 55)

SO: Sum. No 631, 26 Aug 55-Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational Institutions (14)

DENIS, G.I.; CHEKUOLENE, L.V. [Cekuoliene, L.]; BUTSKUS, P.F.
[Buckus, P.]

Alkylation of aniline by Mannich bases. Zhur. ob. khim. 34
no. 5:1638-1639 My '64. (MIRA 17:7)

1. Vil'nyusskiy gosudarstvennyy universitet.

DENIS, G.I.; CHEKUOLENE, L.V. [Cekuoliene, L.]; BUTSKUS, P.F. [Buckus, P.]

Reaction of aromatic amines with Mannich bases. Zhur. ob.
khim. 34 no.7:2479 J1 '64 (MIRA 17:8)

DENIS, G.I.; CHEKUOLENE, L.V. [Čekuoliene, L.]; BUTSKUS, P.F. [Buckus, P.]

Alkylation of aromatic amines by β -dimethylaminopropiophenone. Zhur.
org. khim. 1 no.6:1080-1082 Je '65. (MIRA 18:7)

1. Vil'nyuskiy gosudarstvennyy universitet.

CHEKUR, G. [F.]

Bee Culture

Bee feeding in winter. Pchelovodstvo No. 2, 1952.

9. Monthly List of Russian Accessions, Library of Congress, May 195~~6~~² Uncl.

1ST AND 2ND ORDERS										3RD AND 4TH ORDERS									
CHEKURDA, A. F.																			
PROCESSES AND PROPERTIES INDEX																			
Technical conditions and rate of charging filtering fields. A. F. Chkurda. <i>Sobremennaya Prom.</i> 10, No. 9, 21-25 (1940). Sugar refineries have large quantities of waste water which require biol. purification and disposal. This is accomplished by discharging the waste water into filtering fields. The effectiveness of the disposal depends on the nature of the soil (structure, mech. analysis, etc.) and the rate of charging the filtering field. Formulas are given for calc. the filtering capacity of various types of soils. M. Hosh																			
28																			
ASO-3LA METALLURGICAL LITERATURE CLASSIFICATION																			
FROM SYNOPTIC										FROM SUMMARY									
SYNOPTIC										SUMMARY									

CHEKURIN, I. P.

SOLOV'YEV, S.G.; CHEKURIN, I.P.; RASSADKIN, I.D., redaktor; IOFFE, M.L.,
redaktor; KORYASHINA, A.D., tekhnicheskii redaktor

[Fire prevention manual] Sbornik rukovodiashchikh dokumentov po
pozharnoi profilaktike. Moskva, Izd-vo M-va kommun.khoz. RSFSR.
Vol.3. 1957. 570 p. (MLRA 10:8)
(Fire prevention)

CHEKURIN, V. P.

Hd., Moldavian Dept., All-Union Soc. Otolaryngologists,

"Michurinian Biological Science and Particularly Its Importance in General
and Otolaryngologic Medicine," (report) 1948.

CHEKURIN, V. P.

CHEKURIN, V. P. "On the mechanism of impaired hearing and the clinical treatment of deficient hearing and deafness after shell shock ", Trudy Kishinevsk. gos. med. in-ta, Vol. 1, 1949, p. 340-43.

SO: U-3261, 10 April 53 (Letopis - Zhurnal 'nykh Statey No. 11, 1949)

CHEKURIN, V. P. Prof

USSR/Medicine - Medical Societies May/Jun 49
Medicine - Otorhinolaryngology

"Account of the Work of the Moldavian Department
of the All-Union Society of Otolaryngologists for
1948" 1 p

"Vest Oto-Rino-Laringol" No 3

"Michurinian Biological Science and Particularly
its Importance in General and Otolaryngologic
Medicine," a report by Prof V. P. Chekurin,
chairman of the society, was the ideological-
political highlight of the activity of this 19-
member society. Twelve reports and 12
demonstrations were given during the year,

64/49781

USSR/Medicine - Medical Societies May/Jun 49
(Contd.)

including three reports by V. V. Shestakov, G. A.
Yegorova, and the chairman on penicillin treatment,
and a report by N. I. Margulis on syphilis of the
upper respiratory passages. M. G. Zagorskikh is
secretary of the society.

64/49781

CHEKURIN, V.P.; ZHIRNOV, V.D. (Moskva)

Social problems in medicine. Vest. AMN SSSR 18 no.2:88-92
'63. (MIRA 17:7)

MEDOVAR, Boris Izrailevich, doktor tekhn. nauk; TIMOFEYEV, M.M.,
kand. tekhn. nauk, retsenzent; CHEKURNIA, M.G., inzh., red.

[Welding of austenite steels and alloys] Svarka austenit-
nykh stalei i splavov. Kiev, Tekhnika, 1964. 183 p.
(MIRA 17:8)

CHEKUROV. P. R.

Chekurov, P. R.

"A Comparative Experimental Evaluation of Certain Methods of Combating Hemotransfusion Shock." Inst of Physiology, Inst of Regional Pathology, Inst of Clinical and Experimental Surgery, Acad Sci Kazakh SSR. Alma-Ata, 1955. (Dissertation for the Degree of Candidate in Medical Science)

So: Knizhnaya letopis', No. 27, 2 July 1955

IVANENKO, A.Y.; CHEKUROV, V.I.

Automatic proportioning by weight of sinter components. Metallurg
8 no.6:11-12 Je '63. (MIRA 16:7)

1. Zamestitel' nachal'nika Tsentral'noy laboratorii avtomatizatsii
i mekhanizatsii Yenakiyevskogo metallurgicheskogo zavoda (for
Ivanenko). 2. Zamestitel' nachal'nika aglofabriki Yenakiyevskogo
metallurgicheskogo zavoda (for Chekurov).

(Sintering--Equipment and supplies)
(Scales (Weighing instruments))

MUKHAMEDOV, A.A.; CHEKUROV, V.V.

Effect of sulfuration on the cold brittleness of steel. Izv.
vys. ucheb. zav.; Chern. met. 7 no.7:183-186 '64
(MIRA 17:8)

1. Tashkentskiy politekhnicheskiy institut.

ALFEROVA, V.B.; BOGACHEVA, R.I.; KOROTKOVA, T.F.; MOKEYEVA, A.D.;
GEORGIYEVSKAYA, N.A.; CHEKUSHIN, A.Ya.

Improvement of the technology for preparing polyvaccine. Trudy
TashNIIVS 6:43-52 '61. (MIRA 15:11)

(VACCINES)

CHEKUSHIN, I.S. (Depo Zlatoust, Yuzhno-Ral'skaya doroga)

Apparatus for pressing compressor gear rims. Elek. i topl. tiaga
no. 9:37 S '57. (MIRA 10:10)

(Power presses)

CHEKUSHIN, M.V., inzh.; SLAVNITSKAYA, N.N., red.

[Manufacture of bimetal parts] Proizvodstvo bimetallicheskikh detalei. Riazan', Riazanskoe knizhnoe izd-vo, 1963. 15 p. (MIRA 17:5)

1. Ryazanskiy zavod tyazhelogo kuznechno--pressovogo oborudovaniya (for Chekushin).

CHEKUSHIN, S.K.

In the technical and economic committee of the Krasnoyarsk Economic
Council. Biul.tekh.-ekon.inform.Gos.nauch.-issl.inst.nauch. i tekhn.-
inform. no.7:81-82 '62. (MIRA 15:7)

(Krasnoyarsk Province—Industrial management)

VASIL'YEV, S. V.; CHEKUSHKIN, A. D.

Electrolyte for the preparation of metallic sodium. Khim. v
shkole 17 no.6:65-66 N-D '62. (MIRA 16:1)

1. Pedagogicheskiy institut, g. Cheboksary.

(Electrolysis) (Chemistry—Experiments)
(Sodium)

L 2604-66 EWT(d)/EWT(m)/EWP(w) EM

ACCESSION NR: AP5022214

UR/0198/65/001/008/0023/0029

AUTHOR: Chekushkin, Yu. K. (Kiev)

TITLE: A method in the nonlinear theory of thin plate flexure

SOURCE: Prikladnaya mekhanika, v. 1, no. 8, 1965, 23-29

TOPIC TAGS: nonlinear theory, thin plate, elasticity theory, stress analysis

ABSTRACT: The nonlinear elasticity theory of G. Kauderer (Nelineynaya Mekhanika, IL, 1961) is used to describe small deflections of thin plates $a \times b \times h$, $h \ll a, b$. The plates are assumed to be uniformly loaded, $p(x, y)$ with mean stress σ_0 and tangential stress τ_0 given by

$$\sigma_0 = \frac{1}{3}(\sigma_x + \sigma_y);$$

$$\tau_0^2 = \frac{2}{9}(\sigma_x^2 + \sigma_y^2 - \sigma_x \sigma_y + 3\tau_{xy}^2) \quad (1)$$

where the various stress components are as shown on Figure 1 on the Enclosure. For calculation purposes, the nonlinearity parameters are defined by

Card 1/4

L 2604-66

ACCESSION NR: AP5022214

$$k(s_0) = 1 + \sum_{n=1,2,3,\dots}^{\infty} k_n s_0^n; \quad g(t_0^2) = 1 + \sum_{n=1,2,3,\dots}^{\infty} g_{2n} t_0^{2n}. \quad (2)$$

The analysis consists of reducing a three-dimensional problem to a two-dimensional problem by expanding the stress and deformation tensors in increasing powers of the coordinate z . The biharmonic deflection equation

$$\Delta \Delta w_1 = \frac{6}{a^4} \bar{p}_1 \quad (3)$$

$$\bar{p}_1 = \frac{1 - \nu_0}{G} \frac{a^4}{h^3} p_1$$

is then solved step-by-step by the inverse method. This consists of calculating a $p(x,y)$ for a given deflection w , making use of the stress and deformation components from the above expansion. A numerical example is given corresponding to a plate of width $2a$ fixed at the two edges, $\xi = \pm 1$. The results show that the nonlinear theory has the effect of increasing the deflection and decreasing the stress level in the plate over the values obtained from the corresponding linear theory. The work was conducted under the supervision of Professor D. V. Veynberg. Orig. art. has: 24 equations and 5 figures.

Card 2/4

T. 26011-66

ACCESSION NR: AP5022214

ASSOCIATION: Kiyevskiy inzhenerno-stroitel'nyy institut (Kiev Structural Engineering Institute)

SUBMITTED: 15Jul64

ENCL: 01

SUB CODE: AS

NO REF SOV: 002

OTHER: 001

Card 3/4

L 2604-66

ACCESSION NR: AP5022214

ENCLOSURE: 01

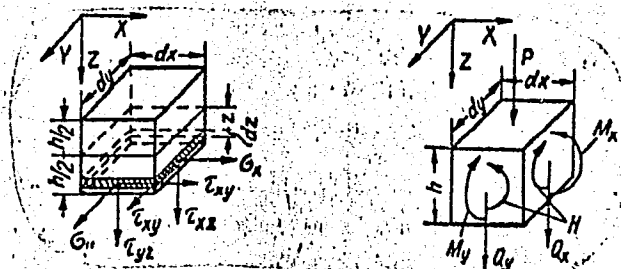


Fig. 1

Card 494

1. CHEKUTA F.S., KOVALENKO F.Z.

2. USSR (600)

4. Sheep

7. Our experience in raising lambs, Sots.zhiv. 15, no.2, 1953.

9. Monthly List of Russian Accessions, Library of Congress, April 1953, unclass.

CHEKVAIDZE, V.B.

Geochemical characteristics of the dynamic metamorphism of rocks
in the Irtysh shear zone. Izv. AN Kazakh. SSR. Ser. geol. no.2:86-
91 '60. (MIRA 13:8)

(Irtysh Valley--Metamorphism (Geology))

CHEKVAIDZE, V.B.

Hydrothermal metasomatic changes in the enclosing rocks of the
Novoberezovka Ore zone in the Altai Mountains. Vest. AN Kazakh.
SSR 16 no.11:84-98 N '60. (MIRA 13:12)
(Altai Mountains—Mineralogy)

CHEKVASKIN, A.P.

Workshop of communist labor. Avtom., telem.i sviaz 3 no.9:
25-27 S '59. (MIRA 13:2)

1. Starshiy inzhener otdela signalizatsii tsentralizatsii i
blokirovki Glavnogo upravleniya signalizatsii i svyazi Minister-
stva putey soobshcheniya.
(Moscow--Railroads--Signaling)

PERSHIN, Boris Filippovich; CHEKVASKIN, A.P., insh., retsenzent;
TSARENKO, A.P., insh., red.; DROZDOVA, M.D., tekhn. red.

[Operation of traffic-control systems] Eksploatatsiia mar-
shrutno-kontrol'nykh ustroistv. Moskva, Transzheldorizdat,
1963. 55 p. (MIRA 16:3)
(Railroads--Signaling--Centralized traffic control)

L 09364-67 ENT(m)/EMP(t)/ETI IJP(c) JD/WB

ACC NR: AP6023421

SOURCE CODE: UR/0139/66/000/003/0130/0134

AUTHOR: [Sera, T. Ya.] (deceased); Chemeresyuk, G. G.; Dunayevskiy, V. I. 52

ORG: Odessa State University im. I. I. Mechnikov (Odesskiy gosuniversitet) 27 B

TITLE: Influence of oxidation of copper in the activation of polycrystalline cadmium selenide on the photoelectric properties of the latter

SOURCE: IVUZ. Fizika, no. 3, 1966, 130-134

TOPIC TAGS: cadmium selenide, cuprous oxide, photoelectric property, activated crystal, oxidation

ABSTRACT: The authors studied the oxidation accompanying the activation heat treatment of CdSe powder produced by the "Krasnyy khimik" plant. The copper was introduced by several methods (sputtering, mixing of amorphous copper in the powder, treatment with CuCl_2 solution) and heat treated at 550C in air for several hours. The photoconductivity of both the activated CdSe and undoped CdSe used as a comparison standard, at wavelengths 500 - 900 nm obtained from a monochromator, was determined. The standard CdSe polycrystal had a photocurrent maximum near 725 nm, the same as single crystals. Addition of copper in solid form and heat treatment in air lowered the maximum wavelength, the shift increasing with the copper density and with the duration of exposure to the air. Heat treatment in a hydrogen atmosphere after oxidation produced a shift toward longer wavelengths. The results show that the decrease in maximum wavelength is due to the formation of cuprous oxide in the intercrystallite layers. The cuprous

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ACC NR: AP6023421

oxide also reduces the photosensitivity appreciably and decreases the relaxation time of the samples. When the copper was introduced into the CdSe in the form of a CuCl_2 solution, no cuprous oxide was formed after heat treatment in air, so that this procedure is recommended for CdSe activation. Orig. art. has: 6 figures.

SUB CODE: 20/ SUBM DATE: 06Oct64/ ORIG REF: 003/ OTH REF: 006

Card

2/2

L 07896-67 EWT(1) JK

ACC NR: AP6004841

(A)

SOURCE CODE: UR/0359/65/000/004/0169/0170

AUTHOR: Chemyakina, S. N. (Aspirant)

18

ORG: Moscow Forest Engineering Institute (Moskovskiy lesotekhnicheskiy institut)

TITLE: Effect of certain herbicides (chlorazine and vapam) on soil microflora

SOURCE: IVUZ. Lesnoy zhurnal, no. 4, 1965, 169-170

TOPIC TAGS: weed killer, soil bacteriology, forestry

ABSTRACT: Experiments with chlorazine were conducted at the tree nursery of the Moscow Forest Engineering Institute. Summer plantings of Siberian larch in sod-medium podzolic and medium loamy soils were hand sprayed in the fall using a 5 l/hectare dose of chlorazine in a solution of 500 l/hectare. Soil samples for microbiological investigation were taken following 1 week, 45 days and 70 days. Soil cultures were grown on 4 different media: Ashby, meat-peptone, Hutchinson, and potato meal. Nitrogen fixing bacteria were determined in the Ashby and meat-peptone media; bacteria promoting decomposition of cellular tissue were determined in the Hutchinson medium; and, butyric bacteria were determined in the potato meal medium. Findings show that chlorazine stimulates the growth of microorganisms only at first in a meat-peptone medium, reduces the number of butyric bacteria in a potato meal medium at first and after 2 to 3 mos increases their number, and significantly reduces the number of

Card 1/2

UDC: 632.954:634.0.114.66

L 07896-67

ACC NR: AP6004841

bacteria in Ashby and Hutchinson media at all periods. Vapam (carbathion), a soil fumigant, was tested by spraying sod-podzolic soil in flasks. Soil samples were taken at a depth of 1 to 3 cm and microbiologically investigated by the same methods described earlier. Findings show that vapam completely inhibits fungi flora. Vapam at first stimulates bacteria on meat-peptone and Ashby media and then inhibits them, considerably reduces the number of bacteria on a Hutchinson medium after 45 min and markedly increases the number of butyric bacteria on a potato meal medium. No conclusions are drawn at this time. Orig. art. has: 2 tables.

SUB CODE: 02/ SUBM DATE: 18Aug64/ ORIG REF: 001

Card

2/2 *gd*

25(7)

SOV/117-59-3-22/37

AUTHOR: Chelak, K.A.

TITLE: A Pneumatic-Mechanical Scraper for Decorative Scraping
(Pnevmo-mekhanicheskiy shaber dlya dekorativnogo
shabreniya)

PERIODICAL: Mashinostroitel', 1959, Nr 3, p 33 (USSR)

ABSTRACT: The subject scraper, designed by locksmith Bukharev at the Stankozavod imeni Sergo Ordzhonikidze (Machine Tool Plant imeni Ordzhonikidze), consists of a scraper tool connected to a pneumatic spiral drill ("RS-8" of the Leningrad plant "Pnevmatika") coupled with a gear and with a couple of bevel gears, all placed into a casing welded of thin steel strip. The tool, requiring no skilled operator, no settings and no physical effort, is said to be dependable in operation. The article contains a detailed design description with a cross section view drawing. There is 1 set of diagrams.

Card 1/1

25(7)

SOV/117-59-3-26/37

AUTHOR: Chelak, K.A.

TITLE: A Fixture for Machining the Tables of Gear Milling Machines in Repair (Prisposobleniye dlya protochki stolov zubofrezernykh stankov pri remonte)

PERIODICAL: Mashinostroitel', 1959, Nr 3, p 39 (USSR)

ABSTRACT: The scraping of the work face and the boring of the arbor hole in the center of the work tables of the "Komsomolets" gear milling machines take up much of the time in capital repair of the machine. A machine tool operator of the Stankozavod im. Sergo Ordzhonikidze (Machine Tool Plant imeni Ordzhonikidze) has designed a tool holder (shown in operation in a photograph) for the purpose. It includes two bolts on the sides designed for setting

Card 1/2

25(7)

SOV/117-59-3-26/37

A Fixture for Machining the Tables of Gear Milling Machines in Repair

the cutter accurately. The operation with the tool holder is described. It has eliminated the necessity of scraping after the machining, and has very considerably reduced the repair time. There is 1 photo.

Card 2/2

25(7)

SOV/117-59-3-29/37

AUTHOR: Chelak, K.A.

TITLE: A Device for Extracting Broken Screw Taps (Prisposobleniye dlya izvlecheniya polomannykh metchikov)

PERIODICAL: Mashinostroitel', 1959, Nr 3, p 40 (USSR)

ABSTRACT: This is a practical idea suggested by a locksmith, consisting of the use of four "forks" with prongs strung on a bolt (shown in drawing), the "forks" filling four size-ranges of screw taps in use. To extract a broken-off tap from the hole, one fork of the corresponding size will be tilted 90° on the bolt and inserted into the hole where the "fork" prongs will engage with the tap flutes; the remaining "forks" on the bolt will then be used as a windlass. There is 1 diagram.

Card 1/1

25(7)

SOV/117-59-4-24/36

AUTHOR: Chelak, K.A.

TITLE: A Cutter Shield for a Vertical Milling Machine.

PERIODICAL: Mashinostroitel', 1959, Nr 4, p 37 (USSR)

ABSTRACT: The described shield, designed for guiding steel chips aside during the operation of vertical milling machines, is suggested by a machine tool operator of the Stankozavod imeni Sergo Ordzhonikidze (Machine Tool Plant imeni Sergo Ordzhonikidze), V.M. Zelentsov. The hinged sheet steel shield is made in two separately-removable halves, and needs not to be removed when the milling cutter is to be replaced. A curved chute joined to the shield guides the chip aside to a box. There is 1 set of diagrams.

Card 1/1

25(7)

SOV/117-59-4-23/36

AUTHOR: Chelak, K.A.

TITLE: A Load-Gripping Device.

PERIODICAL: Mashinostroitel', 1959, Nr 4, p 37 (USSR)

ABSTRACT: A gripping device, reliably gripping heavy (over 6 kg) parts (blanks), suspended on a crane is described and shown in a drawing. The device consists of a chain with a hook at one end, the hook passing freely between the chain links, and a threaded bushing with an inserted tightening bolt. The crane hook holds it by rope loop passed between the links. After the part has been secured in the machine tool, the tightening bolt is released and the chain easily removed from the blank. The design is the idea of a worker of the mechanical shop of the Zavod imeni Sergo Ordzhonikidze (Plant imeni Sergo Ordzhonikidze). There is 1 diagram.

Card 1/1

CHELAK, Ye.M.

Treatment of chronic cholecystoangiocholitis. Zdravookhranenie
3 no. 5:45-47 S-0 '60. (MIRA 13:10)

1. Iz kliniki gosspital'noy terapii (zav. - prof. M.A. Polyukhov)
Kishinevskogo meditsinskogo instituta.
(GALL BLADDER--DISEASES) (BILIARY TRACT--DISEASES)

CHERLAK, Ye.M.

Combined treatment of inflammatory diseases of the gall bladder
and the bile ducts. Trudy Kish.gos.med.inst. 13:53-54 '60.
(MIRA 16:2)

1. Kafedra gosital'noy terapii Kishinevskogo gosudarstvennogo
meditsinskogo instituta.
(GALL BLADDER—DISEASES) (ACETAMIDE) (SULFAMETHAZINE)

CHELAK, Ye.M.

Practical importance of the method of duodenal probing in the
diagnosis of bile duct diseases. Trudy Kish.gos.med.inst. 13:
55-58 '60. (MIRA 16:2)

1. Kafedra gosital'noy terapii Kishinevskogo gosudarstvennogo
meditsinskogo instituta.
(BILE DUCTS—DISEASES) (DUODENUM—INTUBATION)

1ST AND 2ND ORDERS										PROCESSES AND PROPERTIES INDEX									
CHELARESCU, A																			
Metals deposits of Tulghes. VII. Huian outcrops. Alex. Chelarescu. Ann. sci. univ. Jassy Pt. II, 24, 346-348 (1938) (in French); cf. C. A. 32, 5731^o. The surrounding metamorphic rocks, various gneisses, schists, quartzites and lamprophyres are described. The relationships of the magnetite (principal ore mineral), pyrite, chalcopyrite and hematite are described from the petrographic point of view. The hematite is largely due to the magnetization of the magnetite. D. W. Pearce																			
ASAC-11A METALLURGICAL LITERATURE CLASSIFICATION										140000 00 101000 MET ORE ORE 011110101									

CHELARESCU, A

CA

9

Origin of hematite and magnetite in some metalliferous veins in northern Dobruja (Romania). Mircea Savul and Al. Chelarescu. Ann. st. univ. Jassy Pt. 2, 27, 11-38(1941); Chem. Zentr. 1941, II, 2019-20. Petrographic study shows the presence of 2 types of ores. The first contains hematite, but no magnetite, and is associated with albitized porphyries. Hematite was deposited by hydrothermal solutions after albitization was complete. The second type, containing hematite and magnetite, occurs chiefly in Triassic limestones. Hematite was deposited during a period of rising temperature. At the highest temperatures, magnetite was deposited and partly replaced hematite and was in turn replaced by hematite during the final period of slow cooling.

Michael Fleischer

ASB-SLA DETALLURGICAL LITERATURE CLASSIFICATION

BASIC INFORMATION

SEARCHED BY

(AUTHOR) NAME ONLY

RELISTING

RELISTING OR ONLY LIST

SERIALS INDEX

OPEN

1ST AND 2ND ORDERS		PROCESSES AND PROPERTIES INDEX	
CHELARESCU, A.			
Study of several Bulgarian mineral deposits. Ion Atanasov and A. Chelarescu. <i>Ann. sci. univ. Jassy. Sect. II, 27, 55-78(1941); Chem. Zvest. 1941, II, 3044 A.</i> Petrographic studies of a series of Bulgarian iron ore deposits showed them to be of markedly different types. In the Krapal and Metek deposits, the layers of ore are deposited in crystalline schists; they consist of Fe-oxides, malachite completely transformed to hematite and magnetite. Hematite, original ore is found in the form of nodules or anhydrite. Limonite and goethite occur as siderite or anhydrite. The Fe ores of Krumovo and Kilevo occur as hematite in the rock. Magnetite, limonite, and hematite were principally found with apatite and calcite, apparently formed in the course of magmatic differentiation. Goethite and limonite occur chiefly in the Triassic lime of Krusovici. Turgite was rarely observed. These ores appear to be residues after solution of limestone. At Pirovici, hematite ore, together with slight amounts of goethite, occur in the form of coatings. The malachite-oxides, made of Borgan can be considered as of the latter type. Several deposits contain principally sulfides: pyrite, sphalerite, chalcocite and galena. In the case of the Borgan deposits, the pyrite, which is partially oxidized, is associated with hematite, limonite, goethite, and malachite.			
ASB-SLA METALLURGICAL LITERATURE CLASSIFICATION			
BSONI EXISTING		BSONI NONEXISTING	
UNCLASSIFIED		CLASSIFIED	

ROMANIA/Chemical Technology. Chemical Products and Their Application.
Ceramics. Glass. Binders. Concrete.

H-13

Abs Jour: Referat Zhur-Khimiya, No 5, 1958, 15362.

Author : Chelarescu AL., Nichita O., Mihul An., Paunel E.

Inst : Rumanian Academy

Title : Study of Tuffs to the South-East of the Town of Bacau
(Rumania) Part I.

Orig Pub: Studii si cercetari stiint. Acad. RPR Fil. Iasi Fiz. si
stiinte tehn., 1956, 7, No 2, 53-73

Abstract: The investigated tuffs can be utilized as agglomerate for
light concrete.

Card : 1/1

CHELARESCU, IL.

ROMANIA / Cosmochemistry, Geochemistry, Hydrochemistry.

D

Abstr Jour : Ref Zhur - Khim., No 15, 1958, No 49905

Author : ~~Chelarescu, I.L.~~ / Nichita Orest, Paunel Elisabeta, Mihail
Anatolio, Tudoras Aurél, Dumitrescu, I., Ciubotaru, Victor;
Constantinoscu, Florin.

Inst : Polytechnical Institute, Iasi.

Title : Study of Building Materials from Ropodca-Iasi Range.

Orig Pub :

Abstract : Detailed technical and geological description and results of
lithological and chemical analyses and of physico-mechani-
cal tests of natural building materials from the region of
the town of Iasi, as limestones, sands and clays, are
presented. -- G. Vorob'yov.

Card 1/1

COUNTRY	:	Rumania	H-13
CATEGORY	:		
ABS. JOUR.	:	AZKhim., No. 21 1959, No.	75619
AUTHOR	:	Chelarescu, A., Ursescu, G., Nichita, O., Mihul,*	
INST.	:	Iasi Polytechnic Institute	
TITLE	:	A Method for the Determination of the Composition of Large-Pore Concretes. I, II.	
ORIG. PUB.	:	Bul Inst Politehn Iasi, 3, No 3-4, 271-280 (1957)	
ABSTRACT	:	The results from laboratory studies undertaken for the purpose of determining the effect of various factors on the thickness of the film of hydrated cement surrounding the particles of aggregate are given. The data obtained permit a calculation of the optimum cement/water ratio for a given grade of large-pore concrete. Ya. Matlis	
CARD:	1/1	* A., Paunel, E., Dinu, V., Tudoras, A., Dumitrescu	

CHELARESCU, Al., prof.; NICHITA, O.; PAUNEL, Elisabeta; TUDORAS, A.

Study of the oolitic limestones of Scheia, in the region of Iasi.
Studii fiz tehn Iasi 11 no.1:51-58 '60. (EEAI 10:3)

1. Comitetul de redactie, Studii si cercetari stiintifice, Fizica
si stiinte tehnice, Membru (for Chelarescu).
(Rumania--Oolite)

CHELARESCU, Al, prof.; NICHITA, O.; MIHUL, A.; PADNEL, E.; BIGHU, Gh.

Deposit of the white sand in the Miorcan-Hudesti area, a source of raw materials for the fine glass. Studii fiz tehn Iasi 12 no.1:67-77 '61.

1. Membru al Comitetului de redactie, Studii si cercetari stiintifice, Fizica si stiinte tehnice (for Chelarescu)

PAUNEL, Elis; CHELARESCU, Al., prof.; NICHITA, Orest; COTRUT, Gh.; MIHUL, Anatolie; BOGHIAN, Ariadna

Studies on the limestones of the Ripiceni-Prut region as building material. Studii fiz tehn Iasi 12 no.2:267-282 '61.

1. Membru al Comitetului de redactie, "Studii si cercetari stiintifice, Fizica si stiinte tehnice" -Filiala Iasi- (for Chelarescu).

PAUNEL, Elisabeta; CHELARESCU, Al., prof.; MIHUL, Anatolie; NENOFF, Teodor;
LEBADA, Teodor

Studies on the ballast in the valley of the Moldava River. Studii
tehn Iasi 13 no.1:121-137 '62.

1. Membru al Comitetului de redactie, "Studii si cercetari stiintifice,
Fizica si stiinte tehnice" -Filiala Iasi - (for Chelarescu).

CHELARESCU, Al.; PAUNEL, E.; MIHUL, A.; SCHIOPU, M.; BURLACU, Gh.

Study of the ballast of the Suceava River Valley. Studii fis
tehn Iasi 14 no.1:91-112 '63.

PAUNEL, E.; CHELARESCU, Al.; MIHUL, A.; ALEXANDRESCU, A.

Research on the ballast of the Trotus River Valley. Studii fir
tehn Iasi 14 no.1:113-128 '63.

CHELARESCU, Constantin, ing.

The Jilava Rubber Works; the new technology and the problem of quality. Industria usoara 10 no.12:565-571 D'63.

1. Director al Combinatului de cauciuc Jilava.

CHELA RESCU, M.

RUMANIA/Zooparasitology. Parasitic Protozoa.

G

Abs Jour: Ref Zhur-Biol., No 17, 1958, 76910.

Author : Ciuca, M.; Radzovici, E.; Chelarescu, M.;
Atanasiu, M.; Isfan, T.; Constantinescu, P.; Teriteanu, E.;
Gina, I.; Scarlat, M.; Constantinescu, G.; Tautu, L.

Inst :
Title : Study of Duration of Infestation of Plasmodium vivax,
Plasmodium falciparum and Plasmodium malariae (Preliminary Report).

Orig Pub: Bul. stiint. Sec. med., 1956, 8, No 2, 549-564.

Abstract: Observations of natural infection were conducted on
105 patients (97 - with Pl. vivax, 7 - with Pl.
falciparum and one - with Pl. malariae), and with
experimentally-induced malaria in 73 patients (40 -
with Pl. vivax, 32 - with Pl. falciparum and one -

Card : 1/2

RUMANIA/Zooparasitology. Parasitic Protozoa.

G

Abs Jour: Ref Zhur-Biol., No 17, 1958, 76910.

with *Pl. malariae*). The duration of infestation with
Pl. vivax in various cases was not over 2 years, and
with *Pl. falciparum* - not over a year.

Card : 2/2

1

CHELARU, C.

(12)

Bucharest, Vatra Moldovitei, Vol VII, No 21, 1 Nov 63
(continued)

- [illegible]

9. "Consultations on: Case of Fluorosis with the Eastern Dr. JAVANA-CITRITA SAVILENNU. Work performed at the "Central Hospital for Tuberculosis (Spital de Tubercu-
culosa) "Pinar" (Cuchumatán), Mayor C. GARCINIGUAY,
director (director); op 1179-1182.

$$-2/2-$$

CHELARU, Gh., ing.

Contributions to the problem of using new anticorrosive
protective materials in the pulp, paper, and synthetic fiber
industry. Cel hirtie 13 no. 2:45-49 F '64.

CHELARU, Gh., ing.

New data on the anticorrosive protection of concrete surfaces in the pulp, paper, and artificial fiber industry with the aid of Rumanian-made putties. Cel hirtie 13 no.4:151-155 Ap '64.

CHELARU, Jana, ing.; NECHIFORESCU, Virgilia, ing.

Physical and mechanical characteristics of fine and semifine
Romanian wools. Ind text Rum 14 no.10:441-443 S '63.

CHELBAN, Dumitru, correspondent

A new workers' hostel. Constr Buc 14 no.672:4 24 N '62.

CHELBAEV, M. V.

Chelbayev, M. V. - "On the problem of reinforced-masonry ceilings," Sbornik trudov
Stroit. in-ta Mosk. soveta, Issue 2, 1948, p. 31-38

SO: U-3600, 10 July 53. (Letopis 'Zhurnal 'nykh Statey, No. 6, 1949).

BYCHKOV, Dmitriy Vasil'yevich, prof.dokt.tekhn.nauk; KLEYN, Georgiy Konstantinovich, prof.; FEDULOVA-LOKKENBERG, Lidiya Konstantinovna, dots.; PORTAYEV, Lev Petrovich, dots.; OSTROMENTSKIY, Yuriy Tsezarevich, kand. tekhn. nauk; CHELBAYEVA, Yevgeniya Mikhaylovna, assistant; GUSEV, Boris Mikhaylovich, inzh.; VILKOV, G.N., red. izd-va; TENKINA, Ye. L., tekhn. red.

[Manual for practical work in the theory of structures] Rukovodstvo k prakticheskim zaniatiyam po stroitel'noi mekhanike. Izd.2., ispr. i dop. Moskva, Gos. izd-vo lit-ry po stroit., arkhitekt., i stroit. materialam, 1961. 326 p. (MIRA 14:9)

(Structures, Theory of --Study and teaching)

BYCHKOV, Dmitriy Vasil'yevich, prof., doktor tekhn.nauk; KILYIN, Georgiy Konstantinovich, prof.; AFANAS'YEV, Aleksandr Milent'yevich, dotsent, kand.tekhn.nauk; LOKKENBERG, Lidiya Konstantinovna, dotsent; PORTAYEV, Lev Petrovich, kand.tekhn.nauk; CHELBAIEVA, Yevgeniya Mikhaylovna, assistant; GUSEV, Boris Mikhaylovich, aspirant; SMIRNOV, A.P., prof.; VILKOV, G.N., red.izd-va; GILENSON, P.G., tekhn.red.

[Guide to practical studies in structural mechanics] *Rukovodstvo k prakticheskim zaniatiyam po stroitel'noi mekhanike. Pod obshchei red. D.V.Bychkova. Moskva, Gos.izd-vo lit-ry po stroit., arkhitekt. i stroit.materialam, 1959. 327 p. (MIRA 12:10)*

1. Chlen-korrespondent Akademii stroitel'stva i arkhitektury SSSR (for Smirnov).

(Structures, Theory of)

CHELBEA, D., ing.

Fire-resistant vessels for glass fusing. Industria usoara
3 no.1:24-33 Ja '56.

CHELBIN, G.K.

Improving technology of felling operations. Mekh.trud.rab.lo no.11:10-12 #56. (MIRA 10:1)

1. Glavnyy inzhener Skorodumskogo lesprokhozsa.
(Lumbering--Machinery) (Tree felling)

CHELBOUN, J., inz.; AMBROZ, J., inz.

Extraction of coal from dumps. Paliva 44 no.9:281-283 S '64.

1. Scientific Research Institute of Coal. Preparation Department, Ostrava-Kuncicky (for Chlebound).
2. Sdruzeni Ostravsko-karvinskych dolu, Ostrava (for Ambroz).

CHELCEA, Constantin

Visible progress. Constr. due 16 MAY 1966.

1. Head of the Supply Department, Regional Trusts for Housing Construction, Arges.

CHEŁCHOWSKI W,

2

56-163

Chelchowski, Włodzimierz. Słoejo drzewne a klimatologia. [Tree rings and climatology.]
Warsaw, 3(12):5-6, Dec. 1950. DLC—The relationship between
width of tree rings and changes of climatic conditions is discussed and the work of DOUGLASS
and others reviewed. Subject Headings: 1. Historical climates 2. Dendrochronology.—
H.P.

551.583.2:551.586.634.9

CHELCHOWSKI, W.

Meteorological Abst.
Vol. 4 No. 7
July 1953
General Meteorology

4-7-13

551.5:622

Chelchowski, W., Meteorologia a gornictwo. [Meteorology and mining.] Gazeta Obserwatora PIHM, Warsaw, 4(3):16-17, March 1951. DLC--A review and a compendium of an article by B. HRUDICKI published in Meteorologicke Zpravy (No. 1, 1948), under the title "Meteorology in the mining industry." The article shows that meteorology contributes greatly to the solution of many organizational problems in the mining industry. Subject Headings: 1. Mining meteorology 2. Reviews 3. Hrudicki, Bohuslav.--A.M.P.

Chelchowski, Włodzimierz

✓ Chelchowski, Włodzimierz (*Inst. of Balneoclimatology, Poznan*), Natężenie promieniowania słonecznego 6-26. II. 1952 w 3 punktach rejonu Zakopanego. [The intensity of solar radiation Dec. 6-26, 1952 at 3 places of area of Zakopane (Tatra, Poland).] *Przegląd Meteorologiczny i Hydrologiczny*, Warsaw, 8(1):43-51, 1955. fig., 3 tables, 3 refs. English summary p. 51. DWB—A comparison of results of actinometric measurements of solar radiation intensity made during Dec. 1952 with Moll-Gorczyński solarimeters at the resorts of Zakopane (846.5 m), Gubalowka Hill (1135 m) and Kasprowy Wierch Mountain (1991 m). Comparison shows that: 1) the radiation intensity at Gubalowka surpasses on clear winter days the corresponding solar intensity in the lowland by 15-40%; 2) there is a greater difference in radiation intensity between Zakopane (lower level) and Gubalowka (middle level) than

between Gubalowka and Kasprowy Wierch (higher level) because of Gubalowka's situation above the winter fog and smoke-layers of the Zakopane valleys. *Subject Headings*: 1. Solar radiation measurements 2. Solar radiation intensity 3. Tatra Mountains, Poland.—A.M.P.

Case 30008 K2, 7.

CHELBOWSKI, J.

Stomach neuroses, p. 7. (ZDROWIE, Warszawa, Vol. 7, no. 2, 1955.)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, No. 6, Jan. 1955,
Uncl.

CHELCHOWSKI, W.

"Differences among the climatic maps of the earth" p. 7 (gazeta obserwatora, Vol. 6, No. 8, Aug. 1953, Warszawa)

SO: Monthly List of ^{East European} ~~8/65/45~~ ^{Vol. 3, No. 3} Accessions/ Library of Congress, March ⁴ 1953, Uncl.

CHELCHOWSKI, W.

The intensity of solar radiation at three stations in the region of Zakopane, December 6-26, 1952. p. 43.

PRZEGLAD GEOFIZYCZNY. (Polskie Towarzystwo Meteorologiczne i Hydrologiczne) Warszawa, Poland. Vol. 8, no. 1, 1955.

Monthly List of East European Accessions (EEAI) LC, Vol. 9, no. 1, Jan. 1960.

Uncl.

CHELCHOWSKI, W.

CHELCHOWSKI, W., Hyetographic anomalies, 1891-1930, in Polish spas, health resorts, and tourist localities. p. 137.

Vol. 8, no. 2, 1955, Warszawa, Poland

SCIENCE

SO: Monthly List of East European Accessions (EEAL), LC, Vol. 5, No. 2 Feb. 1956